Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022421\
Data File : BG048307.D
Acq On : 24 Feb 2021 13:51
Operator : CG/JU
Sample : SSTD01002
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD010002

Manual Integrations APPROVED
mohammad
2/25/2021 1:10:24 PM

Quant Time: Feb 24 15:17:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG022421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 24 15:10:09 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	27803	20.00	ng/ul	0.00
20) Naphthalene-d8	10.92	136	110183	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.74	164	83487	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.49	188	205833	20.00	ng/ul	0.00
79) Chrysene-d12	21.76	240	243348	20.00	ng/ul	0.00
88) Perylene-d12	25.07	264	235064	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	2665	3.60	ng/uL	0.00
4) Pyridine-d5	3.94	84	18460	8.55	ng/ul	0.00
7) Phenol-d5	7.32	99	24288	9.37	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.43	67	15865	10.16	ng/ul	0.00
11) 2-Chlorophenol-d4	7.66	132	17942	9.51	ng/ul	0.00
15) 4-Methylphenol-d8	8.86	113	19824	9.69	ng/ul	0.00
21) Nitrobenzene-d5	9.28	128	9570	10.33	ng/ul	0.00
24) 2-Nitrophenol-d4	10.01	143	10937	9.60	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.57	165	21171	9.83	ng/ul	0.00
31) 4-Chloroaniline-d4	11.08	131	25699	9.31	ng/ul	0.00
46) Dimethylphthalate-d6	14.14	166	69651	9.99	ng/ul	0.00
49) Acenaphthylene-d8	14.44	160	74857	9.33	ng/ul	0.00
54) 4-Nitrophenol-d4	15.02	143	12758m	10.20	ng/ul	0.00
60) Fluorene-d10	15.73	176	62127	9.94	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.87	200	12478	8.48	ng/ul	0.00
73) Anthracene-d10	17.59	188	104955	10.56	ng/ul	0.00
81) Pyrene-d10	19.87	212	133388	9.83	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.83	264	132038	10.27	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	3349	4.021	ng/uL	89
5) Pyridine	3.95	79	19231	8.694	ng/ul#	87
6) Benzaldehyde	7.25	77	18501	14.709	ng/ul	99
8) Phenol	7.34	94	26235	9.983	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.53	93	21126	10.489	ng/ul	94
12) 2-Chlorophenol	7.69	128	19049	10.261	ng/ul	97
13) 2-Methylphenol	8.59	108	19241	10.147	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.63	45	28369	10.867	ng/ul#	90
16) Acetophenone	8.94	105	35022	10.779	ng/ul	90
17) N-Nitroso-di-n-propylamine	8.91	70	19143	10.292	ng/ul#	97
18) 4-Methylphenol	8.92	108	20166	9.716	ng/ul	91
19) Hexachloroethane	9.19	117	9123	10.625	ng/ul	94
22) Nitrobenzene	9.32	77	29192	10.513	ng/ul	93
23) Isophorone	9.84	82	50574	9.999	ng/ul	95
25) 2-Nitrophenol	10.04	139	12765	11.153	ng/ul	89
26) 2,4-Dimethylphenol	10.12	107	25878	10.812	ng/ul	96
27) Bis(2-Chloroethoxy)methane	10.32	93	28008	9.808	ng/ul	99
29) 2,4-Dichlorophenol	10.60	162	21190	10.310	ng/ul	97
30) Naphthalene	10.97	128	64035	10.309	ng/ul	97
32) 4-Chloroaniline	11.10	127	25537	9.672	ng/ul	97
33) Hexachlorobutadiene	11.24	225	17659	10.056	ng/ul	90
34) Caprolactam	11.86	113	7568	10.583	ng/ul#	75

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35) 4-Chloro-3-methylphenol	12.25	107	22630	9.928	ng/ul	97
36) 2-Methylnaphthalene	12.57	142	44837	9.747	ng/ul	88
37) 1-Methylnaphthalene	12.79	142	47088	10.799	ng/ul#	97
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	31873	9.743	ng/ul	94
40) Hexachlorocyclopentadiene	12.90	237	16547	7.730	ng/ul	87
41) 2,4,6-Trichlorophenol	13.20	196	19985	9.390	ng/ul#	91
42) 2,4,5-Trichlorophenol	13.29	196	20334	8.964	ng/ul#	91
43) 1,1'-Biphenyl	13.57	154	63846	10.007	ng/ul	93
44) 2-Chloronaphthalene	13.62	162	53825	10.078	ng/ul	96
45) 2-Nitroaniline	13.84	65	19229	10.781	ng/ul	96
47) Dimethylphthalate	14.19	163	70580	9.847	ng/ul#	97
48) 2,6-Dinitrotoluene	14.33	165	14402	9.498	ng/ul#	96
50) Acenaphthylene	14.46	152	76621	9.894	ng/ul	97
51) 3-Nitroaniline	14.67	138	13493	11.802	ng/ul#	86
52) Acenaphthene	14.80	153	56092	9.988	ng/ul	92
53) 2,4-Dinitrophenol	14.88	184	5152	5.088	ng/ul#	76
55) 4-Nitrophenol	15.03	109	12296	9.386	ng/ul	99
56) Dibenzofuran	15.14	168	83878	10.361	ng/ul	97
57) 2,4-Dinitrotoluene	15.12	165	21596	10.081	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.38	232	18879	8.595	ng/ul#	96
59) Diethylphthalate	15.54	149	75396	10.368	ng/ul	97
61) Fluorene	15.78	166	67943	10.338	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.77	204	39883	9.973	ng/ul	97
63) 4-Nitroaniline	15.84	138	13097	11.745	ng/ul#	91
66) 4,6-Dinitro-2-methylphenol	15.89	198	11897	7.739	ng/ul#	96
67) N-Nitrosodiphenylamine	15.99	169	60791	10.221	ng/ul	96
68) 4-Bromophenyl-phenylether	16.66	248	26598	9.738	ng/ul	92
69) Hexachlorobenzene	16.79	284	28892	10.090	ng/ul	99
70) Atrazine	16.94	200	28231	10.592	ng/ul	95
71) Pentachlorophenol	17.16	266	7738	4.446	ng/ul	94
72) Phenanthrene	17.53	178	120655	10.447	ng/ul	98
74) Anthracene	17.62	178	122934	10.472	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.54	216	35467	10.653	ng/uL	92
76) Pentachlorobenzene	15.05	250	35522	10.521	ng/uL	99
77) Carbazole	17.90	167	107512	11.169	ng/ul	99
78) Di-n-butylphthalate	18.43	149	132086	10.789	ng/ul	96
80) Fluoranthene	19.53	202	165548	9.581	ng/ul	99
82) Pyrene	19.89	202	164000	9.696	ng/ul	98
83) Butylbenzylphthalate	20.76	149	61221	9.922	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.66	252	62262	10.894	ng/ul	99
85) Benzo(a)anthracene	21.75	228	169809	10.006	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.62	149	86157	9.783	ng/ul	98
87) Chrysene	21.81	228	168530	10.295	ng/ul	98
89) Di-n-octyl phthalate	22.85	149	145456	10.981	ng/ul	100
90) Benzo(b)fluoranthene	24.00	252	168036m	10.638	ng/ul	
91) Benzo(k)fluoranthene	24.07	252	161055	10.440	ng/ul	99
93) Benzo(a)pyrene	24.90	252	144598	10.037	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.81	276	186995m	10.469	ng/ul	
95) Dibenzo(a,h)anthracene	28.88	278	157378	10.630	ng/ul	96
96) Benzo(g,h,i)perylene	29.99	276	152479	10.233	ng/ul	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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